

Remarks

Applicant has amended the specification at page 2 to insert the U.S. patent number noted by the Examiner for the pending U.S. patent application referred to therein. Applicant has amended the specification at pages 5 and 6 to make the Summary of the Invention consistent with independent claim 9 as amended herein.

Applicant has amended claim 4 as filed to correct minor errors therein. Applicant has added new claims 10-12 dependent on allowed independent claim 5; claims 13-14 dependent on allowed independent claim 7; and claims 15-16 dependent on allowed independent claim 8.

Applicant has amended independent claim 9 to recite that the method is driving, in the absence of power from the AC source, both the main and back drive motors from power provided from the DC bus to simultaneously control the bowl and conveyor rotation. This amendment does not introduce new matter as it is fully supported by the application as filed (see page 8, lines 2-12). Applicant has also amended claim 9 to correct the error noted therein by the Examiner. Applicant has added new claims 17-18 dependent on amended independent claim 9.

None of the new claims add new matter as they are fully supported by the application as filed. No further fee is needed for new claims 10-18 as the application as filed had five independent claims and nine total claims and after entry of this amendment will have five independent claims and 18 total claims.

The Rejection of Claim 9

The Examiner has rejected independent claim 9 under 35 U.S.C. 102(b) as anticipated by U.S. Patent No. 5,919,123 (Phillips).

Phillips describes a common DC bus 54 that uses power regenerated from bowl drive motor 24 to keep a speed differential between the bowl 12 and conveyor 18 when there is a brownout. The cycling of motor 24 is described starting at line 66 of column 5. Motor 24 will be turned on if due to the power

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regeneration there is more power than that which can be handled by bus 54.

Applicant teaches in amended independent claim 9 the driving of both the main drive motor and the back drive motor in the absence of power from the AC source from power provided for the DC bus through the variable frequency drive connected to said main drive motor from said decanter centrifuge kinetic energy to simultaneously control said bowl rotation and said conveyor rotation. This simultaneous control of the rotation of the bowl and conveyor from electrical power that comes from the decanter centrifuge kinetic energy when there is no power from the AC source is not taught, disclosed or even suggested by Phillips. Therefore, applicant submits that the method called for in amended independent claim 9 and claims 17-18 dependent thereon are not either anticipated or obvious based on that which is taught, disclosed or even suggested by Phillips and requests reconsideration of the rejection of claim 9 under 35 U.S.C. 102(b).

Reconsideration of the application in accordance with Rules 111 and 112 is requested.

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Following Page*****

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Respectfully submitted,

Date: 5/5/05



Michael M. Rickin
Reg. No. 26,984
Attorney for Applicant
ABB Inc.
29801 Euclid Avenue
Wickliffe, OH 44092-1828
(440) 585-7840

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on the 5th day of May, 2005.

Respectfully, Debra Rietze

Date: May 5, 2005